



www.AVD FIRE.com

NEW AVD LITHIUM BATTERY FIRE BLANKETS

THE EFFECTIVE WAY TO PROTECT AND CONTROL LITHIUM BATTERY FIRES



Are you prepared for a lithium-ion battery fire?

AVD Fire blankets are innovative, high performance, multi-use fire blankets that have been specifically developed for use on fires incorporating lithium-ion batteries.

They have been independently tested as effective to protect and control against the severe temperatures of lithium-ion battery fires. With a robust construction these blankets are multi-use and provide a level of protection against the shrapnel and debris expelled during a battery fire.

- Working Temperature >1000 °C/1832 °F
- Independently tested and verified for use up to 1400 °C
- Technical fabric verified for multi-use on Lithium battery fires
- Proprietary coatings offering fire resistance at extreme temperatures
- Fire resistant reinforced construction and eyelets
- Handling loops for tethering and easy application

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NEW HIGH PERFORMANCE BATTERY FIRE BLANKET

SPECIFICALLY DESIGNED FOR LITHIUM-ION BATTERY PACKS

AVD Fire blankets are specifically manufactured to meet the severe and prolonged temperature requirements of Lithium-ion battery fires.

- SPECIALIST BLANKET FOR EFFECTIVE PASSIVE PROTECTION FOR LITHIUM BATTERY FIRES
- CONTROLS AND SUPPRESSES LITHIUM BATTERY FIRES QUICKLY AND EFFECTIVELY
- SMALL, MEDIUM AND LARGE BLANKETS SUITABLE FOR ALL APPLICATIONS UP TO EV VEHICLES
- DELIVERED IN A CARRY BAG FOR QUICK PORTABILITY AND EASY APPLICATION
- COATINGS OFFER PROLONGED PROTECTION TO CONTROL LITHIUM BATTERY FIRES UP TO 1400 °C

Additionally, the multi-use capability of the blankets has been independently witnessed; please see the AVD Fire website for further information regarding the blanket maintenance and inspection criteria after being used on a significant fire.

HIGH SILICA GLASS FIBRE FABRIC

The high quality fabric is manufactured from woven, high-silica glass fibre with the highest level of temperature resistance and flame deflection protection.

SURFACE COATINGS

Proprietary refractory coating offers effective flame deflection and protection to give prolonged temperature resistance.

OXIDIZED BASE FABRIC

The base fabric is fully oxidised making it incapable of ignition to effectively withstand the formidable thermal challenges posed by lithium-ion battery fires.

ABRASION RESISTANCE

Coatings offer abrasion resistance and storage protection which extends the blankets' overall durability

WORKING TEMPERATURE

1000 °C / 1832 °F with no degradation of the blanket over several hours of direct flame and constant temperature.

TESTING & VERIFICATION

Blankets have been independently tested for effective prolonged use up to 1400 °C / 2552 °F and for multi-use on multiple battery fires up to 840 Wh.

SMALL

Blanket size
1700 x 2000 mm
Blanket weight
~3.4 kg / 7.5 lb
Blanket weight in bag
~3.7 kg / 8.2 lb
Dimensions of folded blanket in outer bag
520 x 300 x 70 mm



MEDIUM

Blanket size
2600 x 3300 mm
Blanket weight
~7.8 kg / 17.2 lb
Blanket weight in bag
~8.3 kg / 18.3 lb
Dimensions of folded blanket in outer bag
540 x 350 x 140 mm



LARGE

Blanket size
6000 x 8000 mm
Blanket weight
~43.2 kg / 95.2 lb
Dimensions of folded blanket in outer bag
1020 X 440 X 250 mm



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WATCH THE DEMONSTRATION



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